Distributed by:

JAMECO® ELECTRONICS

www.Jameco.com ✦ 1-800-831-4242

The content and copyrights of the attached material are the property of its owner.

LIGITEK

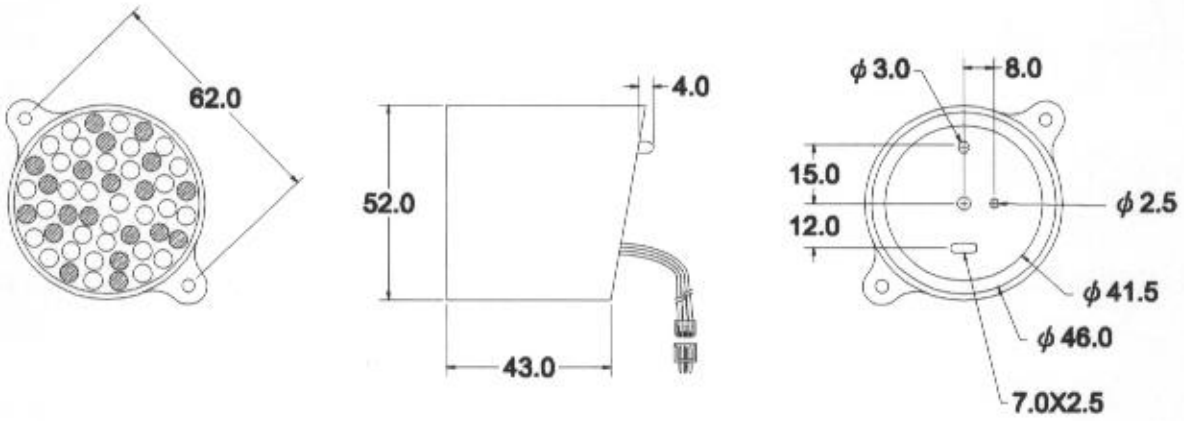
52mm CLUSTER TYPE LED LAMPS **LCR5250A-79** SERIES

Package Dimensions

○ LVG13533/S3

⊘ LHR13533/S3

Jameco Part Number 150914

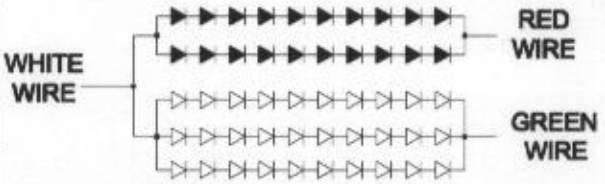


Note:1.All dimension are in millmeter tolerance is ±0.25 mm unless otherwise noted
2.Specifications are subject to change without notice

• ABSOLUTE MAXIMUM RATINGS

PARAMETER	Symbol	Red	Green	Unit
Power Dissipation	PD	1.6	3.0	W
Continuous Forward Current	IF	40	60	mA
Reverse Voltage	VR	50	50	V
Operating Temperature	Topr	-25 to +60		℃
Storage Temperature	Tstg	-30 to +90		℃

• Internal Circuit Diagram



• ELECTRICAL OPTICAL CHARACTERISTICS

PARAMETER	SYMBOL	WIRE COLOR	TEST CONDITION	MIN	TYP	MAX	UNIT
Forward Voltage	VF	Red	IF=40mA	15	17	24	V
		Green	IF=60mA	17	21	28	
Luminous Intensity	IV	Red	IF=40mA	4.3	7.2	-	cd
		Green	IF=60mA	2.7	4.5	-	
Peak Emission Wavelength	λP	Red	IF=40mA	-	660	-	nm
		Green	IF=60mA	-	565	-	
Spectrum Radiation Bandwidth	△λ	Red	IF=40mA	-	20	-	nm
		Green	IF=60mA	-	30	-	
Reverse Current	IR	Red	VR=50V	-	-	20	μA
		Green	VR=50V	-	-	30	